



SCIENCE @ DIRECT

Charlie Peng is logged in  
[Logout](#)[Home](#) [Search](#) [Journals](#) [Books](#) [Abstract Databases](#) [My Profile](#) [Alerts](#)[Help](#)Quick Search:  within All Full-text Sources  [Search Tips](#)

results 1 - 15

## 15 Articles Found

ABSTRACT(PIN OR p-i-n) and FULL-TEXT(diffraction AND grating)

[Edit Search](#) | [Save Search](#) | [Save as Search Alert](#)[Search Within Results](#)☐ [display checked docs](#)☐ [e-mail articles](#)☐ [export citations](#)

View: Citations

☐ Sort By: Date

1. ☐ **Nanocrystalline silicon films grown by Low Energy Plasma Enhanced Chemical Vapor Deposition for optoelectronic applications • ARTICLE**  
*Thin Solid Films, In Press, Corrected Proof, Available online 23 March 2005,*  
S. Binetti, M. Acciarri, M. Bollani, L. Fumagalli, H. von Känel and S. Pizzini  
[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(343 K\)](#)
2. ☐ **Micromachined actuators with braking mechanisms • ARTICLE**  
*Sensors and Actuators A: Physical, In Press, Corrected Proof, Available online 5 March 2005,*  
John D. Grade, Kevin Y. Yasumura and Hal Jerman  
[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(711 K\)](#)
3. ☐ **Advances in Bragg stack quantum well solar cells • ARTICLE**  
*Solar Energy Materials and Solar Cells, In Press, Corrected Proof, Available online 21 November 2004,*  
D.C. Johnson, I. Ballard, K.W.J. Barnham, D.B. Bishnell, J.P. Connolly, M.C. Lynch, T.N.D. Tibbits, N.J. Ekins-Daukes, M. Mazzer, R. Airey *et al.*  
[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(238 K\)](#)
4. ☐ **Argon dilution of silane as an alternative to hydrogen dilution for stable and high efficiency silicon thin films solar cells • ARTICLE**  
*Journal of Non-Crystalline Solids, Volumes 338-340, 15 June 2004, Pages 690-693*  
P. Chaudhuri, R. Meaudre and C. Longeaud  
[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(276 K\)](#)
5. ☐ **SiGe (Ge-dot) heterojunction phototransistors for efficient light detection at 1.3–1.55  $\mu\text{m}$  • ARTICLE**  
*Physica E: Low-dimensional Systems and Nanostructures, Volume 16, Issues 3-4, March 2003, Pages 528-532*  
A. Elfving, G. V. Hansson and W. -X. Ni  
[Abstract](#)
6. ☐ **Ion implantation effects on the microhardness and microstructure of GaN • ARTICLE**  
*Journal of Crystal Growth, Volume 230, Issues 3-4, September 2001, Pages 454-458*  
P. Kavouras, M. Katsikini, N. Vouroutzis, C. B. Lioutas, E. C. Paloura, J. Antonopoulos and Th. Karakostas  
[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(170 K\)](#)
7. ☐ **Intrinsic microcrystalline silicon ( $\mu\text{c-Si:H}$ ) deposited by VHF-GD (very high frequency-glow discharge): a new material for photovoltaics and optoelectronics • ARTICLE**  
*Materials Science and Engineering B, Volumes 69-70, 14 January 2000, Pages 219-226*

A. Shah, E. Vallat-Sauvain, P. Torres, J. Meier, U. Kroll, C. Hof, C. Droz, M. Goerlitzer, N. Wyrsh and M. Vanecek  
[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(289 K\)](#)

8. ☐ **Effectiveness of metallic mirror for promoting the photoresponse of InGaAs PIN photodiode • ARTICLE**

*Solid-State Electronics, Volume 43, Issue 5, May 1999, Pages 961-967*

Chong-Long Ho, Meng-Chyi Wu, Wen-Jeng Ho and Jy-Wang Liaw

[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(271 K\)](#)

9. ☐ **Evaluation of the DICE analysis method for a-Si:H p-i-n devices • ARTICLE**

*Journal of Non-Crystalline Solids, Volumes 198-200, Part 2, 2 May 1996, Pages 1221-1225*

W. Gao, C. Main, S. Reynolds, R. Bruggemann, J. H. Zollondz and R. A. G. Gibson

[Abstract](#) | [Abstract + References](#) | [PDF \(318 K\)](#)

10. ☐ **Water cooled silicon crystals for X-ray monochromators • ARTICLE**

*Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, Volume 318, Issues 1-3, 1 July 1992, Pages 908-913*

R. Wahl, R. Shah, K. Jackson and T. Tonnessen

[Abstract](#)

11. ☐ **Direct measurement of the translational diffusion coefficients of aggregated polystyrene latex particles • ARTICLE**

*Colloids and Surfaces, Volume 11, 1984, Pages 145-154*

Paul A. ReynoldsJames W. Goodwin

[Abstract](#)

12. ☐ **Vapour phase hetero-epitaxy: Growth of GaInAs layers • ARTICLE**

*Journal of Crystal Growth, Volume 56, Issue 3, February 1982, Pages 591-604*

A. K. Chatterjee, M. M. Faktor, M. H. Lyons and R. H. Moss

[Abstract](#)

13. ☐ **The structure of fast-reactor irradiated solution-treated AISI type 316 steel • ARTICLE**

*Journal of Nuclear Materials, Volume 67, Issues 1-2, June-July 1977, Pages 181-197*

P. J. Barton, B. L. Eyre and D. A. Stow

[Abstract](#)

14. ☐ **A TEM<sub>00</sub> short-pulse HF oscillator • ARTICLE**

*Chemical Physics Letters, Volume 14, Issue 2, 15 May 1972, Pages 261-263*

K. J. Pettipiece

[Abstract](#)

15. ☐ **An optical diffractometer of simplified design and short camera length for the analysis of high resolution electron micrographs • ARTICLE**

*Micron (1969), Volume 3, Issue 2, 1971-1972, Pages 256-270*

B. V. Johansen

[Abstract](#)

## 15 Articles Found

ABSTRACT(PIN OR p-i-n) and FULL-TEXT(diffraction AND grating)

[Edit Search](#) | [Save Search](#) | [Save as Search Alert](#)

results 1 - 15

[Home](#) [Search](#) [Journals](#) [Books](#) [Abstract Databases](#) [My Profile](#) [Alerts](#)

[Help](#)